

## Abatron AboCast 8-5/Abocure 8-5 Epoxy (discontinued \*\*)

Category : Polymer , Thermoset , Epoxy

### Material Notes:

2-part solvent-free dielectric epoxy casting compound. Processing: 100/80.5 ratio (pbw); Gel time, 100 g (3.5 oz.): 300 minutes; cures in 3 weeks at 25°C (77°F). Applications: solventless casting, adhesive, and coating.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Abatron-AboCast-8-5Abocure-8-5-Epoxy-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Abatron-AboCast-8-5Abocure-8-5-Epoxy-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.52 %	0.52 %	in 24 hours.
Viscosity Measurement	1000	1000	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	81	81	
Tensile Strength, Ultimate	40.68 MPa	5900 psi	
Elongation at Break	15 %	15 %	
Flexural Strength	65.15 MPa	9449 psi	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	8.00e+9 ohm-cm	8.00e+9 ohm-cm	
	@Temperature 93.3 °C	@Temperature 200 °F	
	8.00e+11 ohm-cm	8.00e+11 ohm-cm	
	@Temperature 65.6 °C	@Temperature 150 °F	
	2.00e+15 ohm-cm	2.00e+15 ohm-cm	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Dielectric Constant	3.3	3.3	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dissipation Factor	0.016	0.016	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 °C	77.0 °F	Curing time: 3 weeks

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**